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20-VOLUME AUTHOR INDEX OF

Mathematical Reviews 1940-1959

**Part I
A - K**

AMERICAN MATHEMATICAL SOCIETY
Providence, Rhode Island

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Part 1
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FOREWORD

This is an index of all items listed in Volumes 1-20 (1940-1959) of Mathematical Reviews. Items are listed under the author's surname chronologically, according to imprint date when this differs from the nominal date. Those by joint authors are listed under the first-named author; all one-author papers are listed first, then all two-author papers, etc.; cross-references are provided from secondary authors to the first. Typically, an entry for a journal article reads:

Pondiczery, E. S. (= Pondicherry) (See also Schark, I. J.)

On automorphisms of the null set. J. Broddingnag.

Acad. Sci. (7) 4 (82) (1952/53), no. 3, 17-42 (1954).

(Hungarian. English summary) (N. Bourbaki) 17-696.

The first parenthesis gives name-variations; these generally appear also in the main alphabetical list with a cross-reference. The second parenthesis gives cross-references to joint authors. The article title is as it appears in the journal, provided the article (or any summary thereof) is in English, French, German or Italian; otherwise the title is translated into English. The journal reference is as printed with the review. [For abbreviations of names of journals, see the annual index issues of Mathematical Reviews, starting with Vol. 9 (1948).] After the abbreviation there is given:

(Series number) volume number (volume number in first series if given) (nominal date), issue number if necessary, first page-last page (imprint date).

If only one date appears on the journal, earlier practice has been to interpret it as imprint date; recent practice, as nominal date. In some cases, when the journal is issued in several subseries, there is given a volume number for the journal as a whole as well as for the subseries; e.g.,

Ann. Univ. Lilliput. 25 Ser. Math. Phys. 7 (1948), 139-174.

After the journal reference, the first parenthesis gives language information when the article (or any summary) is not in one of the four languages above. The second parenthesis names the reviewer. The final item is volume and page of Mathematical Reviews; any second entry here usually refers to an erratum to the review. For a review published in Vol. 20, the page number is replaced by the serial number of the review, and an erratum published in Vol. 20 is indicated by "20 err."

For books and other monographs, the title is given in the language of the original (transliterated if necessary), as well as in English if the original is not in one of the four languages above. The form generally is:

Title. Miscellaneous information (edition, series, etc.). Publisher, city, date.
 Pagination. (Reviewer) Volume-page (or serial number) of review.

An item without a personal author is listed under the editor's name, or alphabetically by title. An individual article in a collection is listed under the author's name only if it was reviewed individually.

The present index is essentially a reproduction of the office files of Mathematical Reviews. The filing system has been far from uniform during the twenty years covered, but it has seemed best not to attempt a full-scale revision of the records at this time; consequently, many inconsistencies will be apparent to the user. The following in particular should be mentioned. (a) Items related to each other—e.g., the Proceedings of a regularly held symposium—may be listed in several places if they do not have a fixed author or editor. (b) The name under which a Russian (or Bulgarian, etc.) author's publications are listed may not be the standard Mathematical Reviews' transliteration of the Cyrillic, although the latter is usually listed at least for cross-reference. (c) The standard transliteration system was altered somewhat, beginning with Vol. 7. The two systems used are as follows:

Russian -	А	Б	В	Г	Д	Е	Ж	З	И	Й	К	Л	М	Н	О	П	Р	С	Т	У	Ф	Х	Ц	Ч	Ш	Щ	Ъ	Ы	Ь	Э	Ю	Я	
	а	б	в	г	д	е	ж	з	и	й	к	л	м	н	о	п	р	с	т	у	ф	х	ц	ч	ш	щ	ъ	ы	ь	э	ю	я	
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CORRECTIONS AND ADDITIONS

In this volume a black • next to an author's name indicates that a correction or addition to one of his works is listed below.

<u>Name</u>	<u>Page</u>	<u>Col.</u>	<u>Line</u>	
Bari, N. K.	101	1	-22	Replace "148. Mathematika 4, 69-107 (1951)." by "148 (1951); Mat. 4, 69-107."
Beth, Evert W.	155	1	-21	After "No. 13," insert "309-342,"
---	155	1	- 9	Replace "19-625." by "19-625, pp. 357-388-Zbl. 73,249."
Beurling, Arne	156	1	-32	Replace "81, 14 pp. (1948)." by "81 (1949), 225-238."
---	156	1	-30	Replace "81, 17 pp. (1948)." by "81 (1949), 239-255."
Bondi, H.	203	2	27	Before Cambridge Monographs insert "Cosmology."
Botez, Mihail Șt.	217	2		After line 34 insert and paragraph "Contribution to the simplification of the Monge system of projection in a special case. Revista Științifică "V. Adamachi" 32, 126-127 (1946). (Romanian, French summary) 8-388."
Cesari, Lamberto	313	1	- 9	After "Nat." insert "(6)" and replace "(1941)" by "(1940)"
Daskin, Walter	412	1	-26	After "53-55" insert ";addendum, ibid. 28 (1961), 592"
Dixmier, Jacques	457	1	-28	Delete "Cahiers scientifiques, Fascicule XXV."
Dugué, M. D.	482	2	21	Delete "Dugué, M. D." on line 23. After "20 #2736" insert ";22, p. 2544." Consolidate this reference under Dugué, Daniel.
Fényes, Imre	559	1		After line 2 insert the following "Über das Divergenzproblem der W. K. B. Methode. Acta Phys. Acad. Sci. Hungar. 4 (1954), 133-147, (Russian summary) (M.A. Hyman) 19 #651."
Gal'pern, S. A.	630	1	3	After author's name insert "See Halpern, S.". References under both spellings should be consolidated under Halpern, S.
Gaspar, Gyula	643	1	9	After author's name insert "(=Gaspar, Julius)" References under both spellings should be consolidated under Gaspar, Gyula.
Gol'tberg, A. A.	697	2		After line -16 insert "On an inequality connected with logarithmic convex functions. Dopovidi Akad. Nauk Ukrain. RSR 1957, 227-230. (Ukrainian. Russian and English summaries) (Author's summary) 19-950."

<u>Name</u>	<u>Page</u>	<u>Col.</u>	<u>Line</u>	
Hu, Shih-Hua	862	2	12	After author's name insert "(=Hoo, Shih-hua)". References under both spellings should be consolidated under Hu, Shih-Hua
Halpern, S.	775	1	27	After author's name insert "(=Gal'pern, S. A.)". References under both spellings should be consolidated under Halpern, S.
Hodge, William V. D.	839	1	30	After "pp." insert "14-500."
Hoo, Shis-hua and Chen, Chiang-yeh	849	1	27	After author's name insert "See Hu, Shih-Hua." References under both spellings should be consolidated under Hu, Shih-Hua
Hopf, Eberhard	850	1		After line 25 insert "On the application of functional calculus to the statistical theory of turbulence. Applied probability. Proc. Sympos. Appl. Math., Vol. VII, pp 41-50. McGraw-Hill, New York for Amer. Math. Soc., 1957. (W.H.Reid) 19-350."

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al-Kāshī's iteration method for the determination of $\sin 1^\circ$.
Scripta Math. 20, 24-29 (1954). 15-923.
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On the impossibility of a just distribution. Nederl. Akad. Wetensch., Proc. 52, 734-739 = Indagationes Math. 11, 264-269 (1949). (Ursell) 11-336.
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Sulle varietà integrali del sistema

$$\begin{cases} x_{uv} = a_1 x_u + a_2 x_v + a_3 x_w + ax \\ x_{uw} = Lx_{vw} + b_1 x_u + b_2 x_v + b_3 x_w + bx. \end{cases}$$

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$$\begin{cases} x_{uv} = a_1 x_u + a_2 x_v + a_3 x_w + ax \\ x_{uu} = Lx_{vw} + b_1 x_u + b_2 x_v + b_3 x_w + bx. \end{cases}$$

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